TO CORRESPONDENTS.

"*A Constant Reader.*"—We may make use of the communication, though we cannot print it. We shall give attention to the subject.

"*One Under the Operation of the Act.*"—The same.

"*P. K.*"—We are unable to reply without a specimen.

"*St. James's Church Window.*"—The number of letters received on this subject is so large, as to preclude the publication of them, even if they presented any new points.

"*Builders' Tender.*"—On this subject too, a flock of letters have been received. They shall all be considered. Some would subject us to an action for libel.

A Correspondent wishes to know the name of the builder of the church at Mount St. Mary's, near Barlborough, Derbyshire.

Received.—"J. A. F.," "Rudowalis," "J. S.," "J. D.," "An admirer of the Works of Wren," "Regular Subscriber," "Country Subscriber."

ADVERTISEMENTS.

ROYAL POLYTECHNIC INSTITUTION.—A Chemical Lecture, by Dr. Ryan, daily, and on the Evenings of Mondays, Wednesdays, and Fridays. Prof. Barkhoffner's Lectures on Natural Philosophy, with brilliant experiments, daily. Macintosh's Revolving Engine, Coleman's Patent Locomotive Engine for ascending and descending inclined planes, Farrell's Archimedean Railway, the Atmospheric Railway, all in action. Hallette's Atmospheric Railway Valve. Clark, M'Neill, and Co.'s Patent Universal Gas-Burner. The Opaque Microscope. The Oxy-hydrogen Microscope, exhibiting a fine Collection of Living Objects. A beautiful Picture of the Chapel in the Convent of St. Catherine, near Jerusalem, by Mr. Charles Smith, is one of the series of Dissolving Views.—Admission, 1s.; Schools, Half-price.

NOTICE TO INVENTORS.

OFFICE for PATENTS of INVENTIONS and REGISTRATIONS of DESIGNS, 14, LINCOLN'S-INN FIELDS.—The printed Instructions gratis, and every information upon the subject of PROTECTION for INVENTIONS, either by Letters Patent or the Designs Act, may be had by applying personally, or by letter (prepaid) to Mr. Alexander Prince, at the office, 14, Lincoln's-inn-fields. Where may be had, price 1s., or, through any bookseller in the United Kingdom, of Wm. BENNING and Co., law booksellers, 43, Fleet-street, the LAW of PATENTS and REGISTRATIONS, with all Forms and Cases up to the present time, by SIDNEY BILLING, Esq., barrister-at-law, and ALEXANDER PRINCE, of the Office for Patents, 14, Lincoln's-inn-fields.

MORTGAGE AND ANNUITY OFFICE, No. 123, CHANCERY-LANE.

PERSONS requiring LOANS by way of MORTGAGE or otherwise upon any available security, may at all times procure an advance to the extent of from 100l. to 150,000l., or so much as the property will bear, by applying to Mr. BRAY, surveyor, at the offices as above, where a registry for the sale of estates, houses, land, life interests, and reversions, is kept for inspection.

N.B. To expedite the procuration, personal application at the office would in all cases be better, the party bringing with them the abstract of title, plans, &c.

FRENCH PAPER-HANGINGS.—The Trade are respectfully informed, that at the Depôt of Messrs. MARKS and CO. is concentrated a most extensive stock, with weekly additional consignments, all the newest and most elegant patterns in Piece Paper and Decorations, at Parisian prices, with the reduced duty of 3d. per yard.—59, Princes-street, Leicester-square. Established 1834.

TO PAPER-HANGERS, HOUSE-DECORATORS, BUILDERS, SHIPPERS, &c.

JOHN TODD MERRICK & Co., having removed to their new Manufactory in New Oxford-street, take the opportunity of soliciting the inspection of the Trade to their extensive stock of paper-hangings, comprising every variety, from the cheapest to the most costly and elegant drawing-room patterns. They also invite attention to their complete assortment of panelled decorations, suitable for every description of room; and beg to announce that they are now ready to receive orders, furnish estimates, and enter into contracts in any situation, and to guarantee the execution of them in the first style.

J. T. M. and Co. beg to state, that they will execute any French pattern that may be brought to them, fully equal in quality, at the same price that it can be purchased in Paris, thereby effecting a saving of the duty and carriage to the purchaser. They are, however, constantly receiving importations of the newest designs, having entered into an arrangement with an important Paris house for their regular supply.

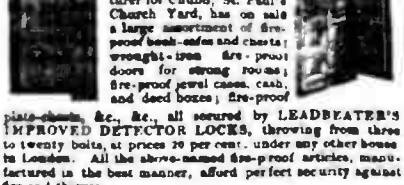
TO ARCHITECTS, BUILDERS, &c.

GAS LAMPS, GAS BRACKETS, GAS PILLARS, BURNERS, &c. &c. In calling the attention of architects, builders, &c., to their assortment of Gas Furniture in general, C. DEBAUFER and SON respectfully announce they continue to fit up premises of every description on the most approved and newest system of gas fitting. An experience of forty years justifies us in making the above assertion.—P.S. Country orders attended to with dispatch.

10 and 11, Creed-lane, St. Paul's.

FIRE-PROOF SAFE MANUFACTORY,

LEADBEATER,



135, Aldersgate-street, City Nine Years Sole Manufacturer for Chubb, St. Paul's Church Yard, has on sale a large assortment of fire-proof book-safes and chests; wrought-iron fire-proof doors for strong rooms; fire-proof jewel cases, cash, and deed boxes; fire-proof plate-chests, &c., &c., all secured by LEADBEATER'S IMPROVED DETECTOR LOCKS, throwing from three to twenty bolts, at prices 20 per cent. under any other house in London. All the above-named fire-proof articles, manufactured in the best manner, afford perfect security against fire and thieves.

LEADBEATER'S IMPROVED DETECTOR LOCKS for universal purposes, afford perfect security against false keys and pick-locks. Sold at prices equally reduced.

TO BUILDERS, PAINTERS, DECORATORS, AND OTHERS.

MESSRS. WOOD AND COMPANY, Grainers and Writers to the Trade only, by contract, measure, or otherwise.

69, Waterloo Bridge-road. All letters post paid.

N.B. Workmen sent to any part of the kingdom.

. An Apprentice wanted.

TO BUILDERS, PAINTERS, &c.

C. WILLIAMS, 13, Palace-row, New-road, Imitator of Woods and Marbles, respectfully informs the Building Trade generally, that for the last five years he has been in the employ of Mr. W. HAMMOND, and begs now to solicit the favour of their patronage, trusting that by strict attention and moderate terms he shall secure their future favours.

N.B. Country orders attended to with punctuality.

WALLIS'S PATENT LIQUID WOOD KNOTTING.—This newly-discovered Liquid Composition which Messrs. Geo. and Thos. Wallis have the satisfaction of introducing to the trade, possesses the important qualification of effectually stopping Knots in Wood, however bad, and preventing them eating through and disfiguring the paint above.

Many substances have been used and much time spent in endeavouring to find a cure for a bad Knot, but hitherto without success. Messrs. Wallis therefore feel much pleasure in offering to the public an article so long and anxiously called for.

In the application, skill is not required; it is put on to the work with a brush like common paint, can be used in all climates and situations, and does not require heat.

Sold wholesale and retail, by Messrs. G. and T. Wallis, Varnish, Japan, and Colour Manufacturers, No. 64, Long Acre. Price 16s. per gallon.

DAY'S PATENT WINDGUARD, for ventilating

Churches,	Shops,	Kitchens,
Hospitals,	Bed-rooms,	Offices,
Factories,	Smoking-rooms,	Ships,
Theatres,	School-rooms,	Mines,
Breweries,	Nurseries,	Vaults,
Malt-houses,	Stables,	Tunnels,
Club-houses,	Larders,	&c. &c.

Also for preventing down draft; and is guaranteed to cure all smoky chimneys caused by wind; and entirely supersedes the use of revolving cowls, or any thing moveable or unsightly on the tops of chimneys or ventilators.

The object of this invention is to create a draft where otherwise it would not exist, by the spontaneous action of the external air. The Windguard forms a pleasing octagonal pillar, and by its peculiar construction to carry out the principle on which it is based, which consists of the wind giving a disposition for a vacuum within, thereby causing a continual upward current about equal to the velocity of the wind at the time acting upon it, which averages about six feet per second thirty days out of thirty-one; therefore, will nearly at all times ensure a continual change of air, being no impediment to spontaneous ventilation, even on a perfectly calm day. One five feet square will ventilate a building containing upwards of 1,000 persons. The Windguard applied to ships and steam vessels, in the form of a sky-light, prevents rain or the sea entering within, however boisterous the weather may be, thereby affording excellent ventilation as well as light. The Windguard is simply applied for effectually ventilating bed-rooms, nurseries, smoking-rooms, offices, &c., causing the air of the apartment to be at all times as pleasant as can be desired. It is fixed at the top of the chimney, in addition to which a cast-iron frame and valve (about one foot area), made to open or shut at pleasure, is let into the flue, near the ceiling of the room, to allow the constant ascending vitiated air being immediately carried off. The opening is guarded by a neat venetian blind or grating; and so powerful is the effect on a sunny day that if a handkerchief be thrown up to the grating, it will remain there—i. e. if the valve be open. In winter the valve would be only partially open, to allow the smoke from the fire to ascend, but if the room be found too cold, can be entirely closed. The Windguard applied to the tops of chimneys prevents all annoyance from smoke (caused by wind); indeed, where it does not, nothing else applied at top will (of the same size); care, therefore should be taken to have the proper size applied. It is simple in its application, reasonable in price, ornamental in appearance; no machinery or anything moveable in it, therefore, cannot get out of order; free from noise or any unpleasantness whatever; not liable to choke up with soot; no obstacle to the machines used for sweeping chimneys. May be had of all respectable ironmongers in town and country; and may be seen daily in operation, where its powers and usefulness are exhibited by the severest tests, at THE PATENT VENTILATING WORKS, 182, COMMERCIAL-ROAD, PIMLICO, LONDON; where also may be seen Mr. D. T. Day's plans illustrating the different applications of his Patent Archimedian Ventilator and his Portable Water Apparatus) for effectually Ventilating, Warming, and Cooling the Air of Buildings, Ships, Mines, &c. &c. By the use of these inventions many thousand cubic feet, or any quantity of pure warm or cold air, can be guaranteed to be continually exchanged per minute, day and night, winter and summer; thereby insuring, at all times, free ventilation to the rooms and passages of buildings, &c. from the basement to the roof, at the same time in such a manner as shall not be inconveniently perceptible. The size of the apparatus depends on the nature and use of the building and its occupants. The Patentee has been honoured by his inventions being applied at the following places:—

Windsor Castle,	Trinity House,
Buckingham Palace,	Ordnance,
Saint James's Palace,	Greenwich Hospital,
Claremont Palace,	Christ's Hospital,
Walmer Castle	Westminster Hospital,
The Houses of Parliament,	Bethlehem Hospital,
New Conservative Club,	Surrey Lunatic Asylum,
White's Club,	New Royal Exchange,
Travellers' Club,	Mansion House,
Oxford and Cambridge,	Goldsmiths' Hall,
Parthenon,	Fishmongers' Hall,
Wyndham,	Haberdashers' Hall,
Army and Navy,	Dyers' Hall,
Senior United Service,	Grocers' Hall,
Junior United Service,	Armourers' Hall.
Admiralty,	Weigh-house Meeting-house
British Museum,	Hanover Square Rooms,
Somerset House,	Theatre of the Westminster
Custom House,	Literary and Scientific Institution,
Mint,	Grand Cigar Divan, Strand,
Hon. Artillery Company,	City Club,
H. M. S. Salamander,	

And many other Public Buildings in Town and Country, as well as to the Mansions of many Noblemen and Gentlemen. Licenses granted for Manufacturing the above.

Drawings and Plans made for Ventilating and Warming Buildings of every description.

TO CIVIL ENGINEERS, SURVEYORS, &c.

HENRY POPE, Wholesale Stationer, desires to return his best thanks to the Profession for their support, which has secured to him so large a sale of his mounted drawing papers, and from which he has made arrangements to keep a large stock always on hand, as well as tracing, drawing-papers, and every description of general stationery, which may be had at the wholesale prices.

N.B. Maker of the Metallic, Levelling, and Surveying Field Books, with Patent Pencil. 22, Budge-row, Watling-street, City.

CHEAP PAN FOR WATER CLOSETS, With Trap, in one Piece.

DOULTON and WATTS, Lambeth Pottery, London, Manufacturers of the above in superior glazed STONE WARE, price 7s. 6d. each. They are of the most durable ware, and are recommended in preference to iron on account of their cleanliness and cheapness. If preferred, they can be had in two parts, the pan at 4s. 6d., and the Trap at 3s. 6d. N.B. Manufacturers of RAIN WATER PIPING for houses.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS,

Manufactory, 96, Regent-street, and 131, Chancery-lane.

THE Patentee can confidently recommend these Shutters both for security and durability. The edges being sheathed with IRON, and the cost little more than common shutters, their construction so simple, that the largest establishment can be opened or closed in a few moments with the greatest possible ease without the use of machinery. Their superiority over other Revolving Shutters consists in being made without metal hinges, consequently cannot rust, buckle, or get out of order, and are equally safe. W. SNOXELL will have much pleasure in giving reference to numerous establishments where they are fixed, having on all occasions given the greatest satisfaction.

REDUCTION IN THE PRICE OF

BUNNETT AND CORPE'S

PATENT REVOLVING IRON SHUTTERS.

THE validity of this Patent being completely established, the Patentees have much pleasure in stating that the very extensive demand, and the employment of improved machinery in the manufacture, have given them an opportunity (of which they gratefully avail themselves) of making a considerable reduction in the price of this well-known and tried invention, thereby rendering them the cheapest as well as the best iron shutters in use. Every improvement suggested by practical skill and most extensive application has been adopted, and no effective REVOLVING IRON SHUTTER can be constructed without infringing B. and C.'s patent. The worm and wheel, as patented by them, being the only safe, durable, and efficient mode of raising and lowering such shutters, these shutters can be applied horizontally, either above or below the window, or vertically, as introduced by BUNNETT and CORPE, in some of the largest establishments: they are made with bent or corrugated laths, if required.

BUNNETT and CORPE also manufacture

REVOLVING WOOD SHUTTERS,

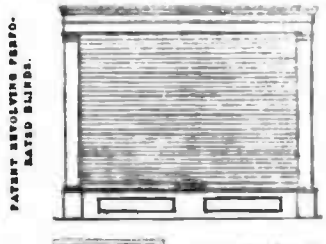
with their patent raising machinery, or with counterbalance weights, and with proper metallic hinges, without which no shutters can be safe or durable.

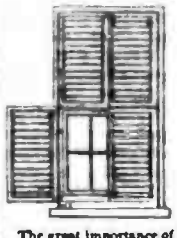
BUNNETT and CORPE are likewise Patentees and Manufacturers of METALLIC SASH-BARS, MOULDINGS, &c., IN BRASS, COPPER, OR ZINC, FOR SHOP FRONTS, WINDOWS, SKYLIGHTS, AND VARIOUS OTHER PURPOSES.

Shop Fronts fitted in a superior manner with Iron Shutters, Patent Brass or Zinc Sashes, Moulded Engrained Stall Board Plates, best Plate Glass, and internal Brass Fittings of all kinds, on the most advantageous terms. Estimates given and contracts taken in Town or Country.—All kinds of metal works executed to any design. Metal Drawing, Rolling, and Stamping for the Trade. OFFICE, 26, LOMBARD-STREET, LONDON. WORKS, at DEPTFORD, KENT.

IMPROVED PATENT CONVEX IRON REVOLVING SAFETY SHUTTERS.

PATENT SAFETY IRON SLIDING SHUTTERS.





The attention of Architects, Builders, Blind Makers, and the Trade generally, is particularly requested to the IMPORTANT patented IMPROVEMENTS in the above enumerated Articles, and inspection invited, at the Manufactory of the Patentees, B. HOWARD and Co., 113, Old Street, London; or at the Licensees.

Engravings and Prospectuses may be had at the above address, or will be forwarded on application.

The great importance of STRENGTH and STIFFNESS in the Laths of REVOLVING IRON SHUTTERS, when required for SECURITY, is so obvious, that it is only necessary to point out the fact that the PATENT CONVEX LATHS ARE 12 TIMES STRONGER THAN THE ORDINARY FLAT LATHS (as shown by the engravings and prospectus), to ensure their general adoption.

REVOLVING IRON SHUTTERS MADE OF THE COMMON FLAT LATHS, AT A VERY CONSIDERABLE REDUCTION OF PRICE.

CAUTION.—The Patentees beg to caution all persons against Making or Using BENT LATHS for REVOLVING IRON SAFETY SHUTTERS, so as to obtain increased strength or stiffness; as they thereby render themselves liable to legal proceedings for infringing this patent.

Licenses Granted.

To learn how to use OCR and PDF Compression go to ThePaperlessOffice.org